



GOVERNOR CONTROL SYSTEMS



TRAINING

easYgen 3200 Power Management Control or easYgen 3500 Power Management Control

CLASS OBJECTIVES:

Upon successful completion of this course, the student will be able to:

Demonstrate a strong foundation on power generation theory pertaining to the easYgen 3200 control system.
Field calibrate and adjust the easYgen 3200 control system.

Demonstrate an understanding of power management issues such as; soft loading and unloading, base loading, peak shaving, import/export control, and power transfer.

Describe the concepts of isochronous load sharing, baseload, process control, import / export control, VAR/Power Factor control and droop.

Demonstrate an understanding of methods of synchronizing, and paralleling of electrical generators.

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PACIFIC NORTHWEST

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easYgen 3200 Power Management Control

easYgen 3500 Power Management Control

This class will give you the opportunity to learn more about the basics of power management using the Woodward easYgen 3200 control system. During the course you will learn about the theory, installation, programming, operation and maintenance of the easYgen 3200 control system with the help of actual controls. The hands-on part of the training will include time for programming, adjustments and troubleshooting techniques on the easYgen 3200 control system

CLASS OUTLINE:

A. Review covering basic power generation, Load Control Modes, and paralleling generators.

B. EasYgen 3200 Control System

EasYgen 3200 control system features, control modes and applications.
Input & Outputs (I/O) of the easYgen 3200 control system.

EasYgen 3200 control system programming menus and use of the ToolKit service tool.

Synchronization, Load Control, VAR/PF Control and Process Control.

Calibration and Adjustment of the easYgen 3200 control system.

C. Hands on familiarization

